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A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7 A61B6/04 A61B5/05	A61G7/00	A61G13/00 A61F13/00 A61B6/02
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61B A61G A61F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/104163 A1 (REIMANN ROLF) 8 August 2002 (2002-08-08)	1-6, 11-16
Y	paragraphs '0026! - '0036!; claim 1; figure 1	10,17
Y	----- US 2003/078489 A1 (EERDEN JACCO ET AL) 24 April 2003 (2003-04-24)	10,17
	paragraphs '0023! - '0034!; claim 1; figure 1	
X	----- US 5 619 763 A (RANDOLPH ALAN ET AL) 15 April 1997 (1997-04-15)	1-3,11
	column 3, line 19 - column 4, line 15; claim 1; figure 2a	
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 48%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search	Date of mailing of the international search report	
22 November 2004	06/12/2004	
Name and mailing address of the ISA	Authorized officer	
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Chopinaud, M	

INTERNATIONAL SEARCH REPORT

IB2004/051725

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 984 774 A (ZUPANCIC ANTON Z ET AL) 15 January 1991 (1991-01-15) column 3, line 42 - column 5, line 14; claim 1; figure 1 -----	1,11
X	US 4 484 571 A (VELAZQUEZ HERB F) 27 November 1984 (1984-11-27) column 2, line 40 - column 3, line 62; claim 1; figure 1 -----	1,11
X	US 6 094 760 A (NONAKA HIDEKI ET AL) 1 August 2000 (2000-08-01) column 8; claim 1; figure 1 -----	1,11
X	US 2002/120986 A1 (ERBEL STEPHAN ET AL) 5 September 2002 (2002-09-05) paragraphs '0040! - '0042!; figures 1-3 -----	1,2,9
A	WO 02/26137 A (AO S METALL & MEK VERKST AB ; OHLSON CARL ERIC (SE)) 4 April 2002 (2002-04-04) the whole document -----	1-17

INTERNATIONAL SEARCH REPORT

IB2004/051725

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002104163	A1	08-08-2002	DE	10103331 A1		14-08-2002
			JP	2002253533 A		10-09-2002
US 2003078489	A1	24-04-2003	EP	1460939 A2		29-09-2004
			WO	03032838 A2		24-04-2003
US 5619763	A	15-04-1997	WO	9629932 A1		03-10-1996
US 4984774	A	15-01-1991	NONE			
US 4484571	A	27-11-1984	NONE			
US 6094760	A	01-08-2000	BE	1012534 A3		05-12-2000
			JP	3577221 B2		13-10-2004
			JP	11313900 A		16-11-1999
US 2002120986	A1	05-09-2002	EP	1238685 A1		11-09-2002
			AT	261745 T		15-04-2004
			DE	50101703 D1		22-04-2004
			EP	1238684 A1		11-09-2002
			EP	1384494 A1		28-01-2004
			ES	2215813 T3		16-10-2004
			US	2002122530 A1		05-09-2002
WO 0226137	A	04-04-2002	SE	517397 C2		04-06-2002
			AU	9248401 A		08-04-2002
			SE	0003479 A		29-03-2002
			WO	0226137 A1		04-04-2002